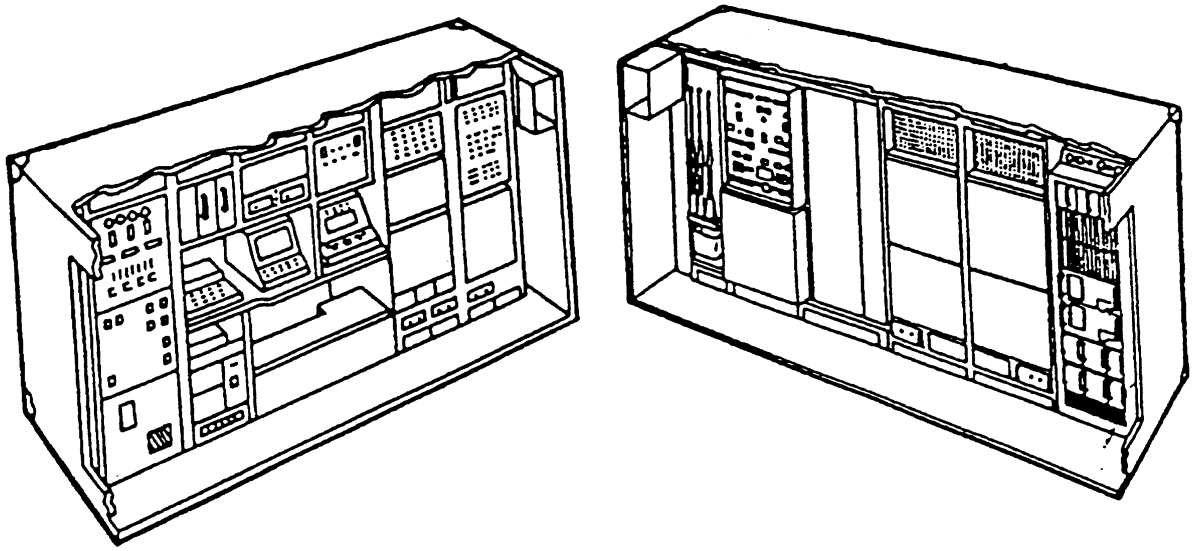
AN/TTC-39A



SYSTEM IDENTIFIERS	
NOMENCLATURE:	Central Office Communications, Automatic
SSN:	W30900
LIN:	C41311
NSN:	5805-01-241-9710
AMIM NO:	S026
EIC:	HNC
FUEL TYPE:	------

SYSTEM DESCRIPTION

The AN/TTC-39A Central Office Communications, Automatic is a product improvement of the AN/TTC-39. It expands line termination capability to 744 lines, standardizes a single shelter configuration, and adds nodal configuration/management functions. The AN/TTC-39A has a 96 analog and 648 digital line termination capacity. It is modular, transportable, and provides secure automatic switching and technical control for both digital and analog communications. It is housed in an S-280 shelter. The set up time is 1 1/3 hours for six soldiers.

The list below identifies components associated with this weapon/materiel system.

AN/TTC-39A

LIN	NSN	NOMENCLATURE
A24463	4120-00-411-3730	AIR CONDITIONER, FL/WAL
D37041	6625-01-136-2046	DIGITAL DATA GENERATOR
K94880	5830-00-752-5357	INTERCOMMUNICATION STAT
M27183	5820-01-145-2462	MULPLY TD-1233(P)/TTC
M43691	5820-01-145-2458	MULTIPLEXER-COMBINER
M60449	6625-01-139-2512	MULTIMETER DIGITAL, AN/PSM-45
S45169	5411-01-127-6853	SHELTER ELECTRONIC SHOP STORAGE
V31211	5805-00-543-0012	TELEPHONE SET, TA-43/PT
V31292	5805-00-124-8678	TELEPHONE SET, TA-838/TT
W37483	5180-00-064-5178	TOOL KIT, ELECTRONIC EQUIPMENT

This summary provides an overview of FY 94 Total Army operating and support costs and other information for the weapon system. Average cost per system is displayed so the data can be used in performing analyses and cost studies. Average costs are calculated using the end item's density. NET REPARABLES represent the cost with the Major Subordinate Command (MSC) specific credit rates applied (detailed in Section 1 - Overview).

AN/TTC-39A
FY 94 TOTAL ARMY COST SUMMARY
(FY 94 Constant Dollars)

DENSITY

NUMBER OF SYSTEMS	16

DEPOT END ITEM MAINTENANCE (5.061)

TOTAL	$613,237
QUANTITY COMPLETED	17
AVG COST/END ITEM	$36,072.76

CLASS III-POL (5.05)

NOT APPLICABLE

DEPOT SECONDARY ITEM MAINTENANCE

TOTAL	$224,628
QUANTITY COMPLETED	147
AVG COST/SECONDARY ITEM	$1,528.08

CLASS V-AMMUNITION (2.11)

NOT APPLICABLE

INTERMEDIATE MAINTENANCE

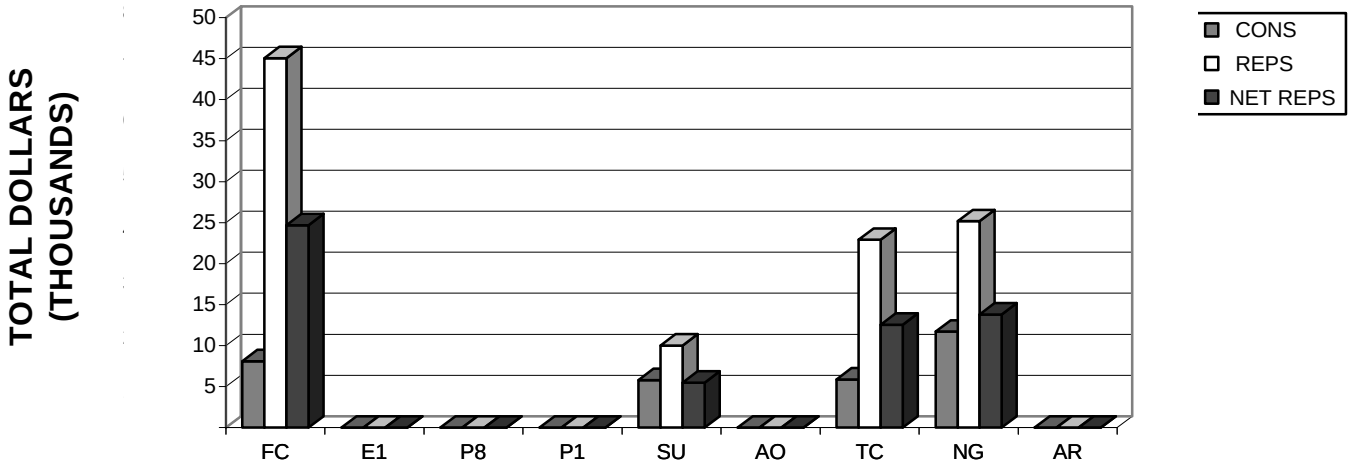
	DS/GS	CIVILIAN
MIL/CIV LABOR COST	$631	$0
AVG COST/SYSTEM	$39.45	$0.00
MAINTENANCE MANHOURS	38	0
MMHs/SYSTEM	2.38	0.00

CLASS IX MATERIEL-PARTS (5.04/5.03)

	FY 94 DOLLARS	AVG COST PER SYSTEM
CONSUMABLES	$31,480	$1,967.50
NET REPARABLES	$56,527	$3,532.94
NET TOTAL COSTS	$88,007	$5,500.44

The following graph and table display FY 94 Class IX costs for consumables (CONS), reparables, (REPS), and net reparables (NET REPS) by MACOM. CONS and REPS are the total costs of requisitions recorded in the Logistic Intelligence File (LIF). NET REPS are the cost to the customer in the field and are calculated by applying an MSC-specific credit rate at the NSN level. TOTAL ARMY (TA) costs are the summation of costs across all MACOMs in the table. NET TOTAL COSTS are the sums of the costs of CONS and NET REPS. NUMBER OF SYSTEMS is the density recorded in the Continuing Balance System - Expanded (CBS-X). AVG PER SYSTEM costs are calculated by dividing the costs in NET TOTAL COSTS by the number of systems for each MACOM.

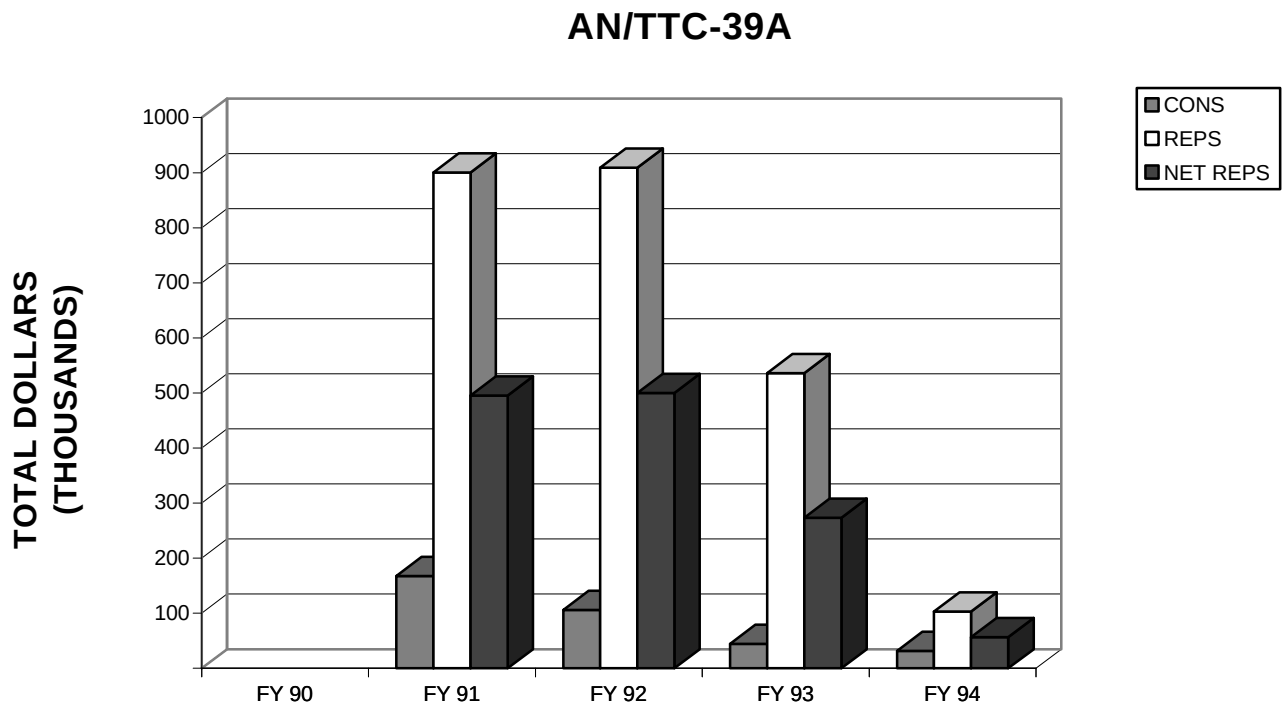
AN/TTC-39A



AN/TTC-39A
FY 94 MACOM CLASS IX COSTS

MACOM CODE	MACOM NAME	CONS	REPS	NET REPS	NET TOTAL COSTS	NUMBER OF SYSTEMS	AVG PER SYSTEM
FC	FORSCOM	8,095	45,050	24,688	32,783	5	6,557
E1	USAREUR	0	0	0	0	0	0
P8	EUSA	0	0	0	0	0	0
P1	USARPAC	0	0	0	0	0	0
SU	USARSO	5,794	10,006	5,482	11,276	1	11,276
AO	USASOC	0	0	0	0	0	0
TC	TRADOC	5,873	22,915	12,560	18,433	1	18,433
NG	ARNG	11,718	25,179	13,797	25,515	9	2,835
AR	USAR	0	0	0	0	0	0
TA	TOTAL ARMY	31,480	103,150	56,527	88,007	16	5,500

The following graph and table display FY 90-94 Class IX costs for consumables (CONS), reparables (REPS) and net reparables (NET REPS) by Total Army. The Total Army costs are a summation of all the MACOMs displayed on the previous page. CONS and REPS are the total cost of requisitions recorded in the Logistic Intelligence File (LIF). NET REPS are the cost to the customer in the field and are calculated by applying an MSC-specific credit rate at the NSN level. NET TOTAL COSTS are the sums of the costs of CONS and NET REPS. NUMBER OF SYSTEMS is the density recorded in the Continuing Balance System - Expanded (CBS-X). AVG PER SYSTEM costs are calculated by dividing the costs in NET TOTAL COSTS by the number of systems in the Total Army for the fiscal year. Blank rows indicate system was not tracked in the OSMIS database during that fiscal year.



AN/TTC-39A FIVE YEAR TOTAL ARMY CLASS IX COSTS						
FISCAL YEAR	CONS	REPS	NET REPS	NET TOTAL COSTS	NUMBER OF SYSTEMS	AVG PER SYSTEM
FY 90						
FY 91	167,382	900,551	495,303	662,685	32	20,709
FY 92	106,139	909,169	500,042	606,181	24	25,258
FY 93	44,514	535,986	273,354	317,868	16	19,867
FY 94	31,480	103,150	56,527	88,007	16	5,500

The Total Army Class IX costs from the previous pages are broken out by Work Breakdown Structure (WBS) in the following table. The FY 94 WBS Class IX costs for consumables (CONS) and reparables (REPS) are the total cost of requisitions recorded in the Logistic Intelligence File (LIF). The NET REPS are the cost to the customer in the field and are calculated by applying an MSC-specific credit rate at the NSN level. The TOTAL costs are a summation of all the WBS elements displayed in the table. NET TOTAL COSTS are the sum of the costs in CONS and NET REPS. NUMBER OF SYSTEMS is the density recorded in the Continuing Balance System-Expanded (CBS-X). AVG PER SYSTEM costs are calculated by dividing the costs in NET TOTAL COSTS column by the total number of systems in the Army.

AN/TTC-39A
FY 94 TOTAL ARMY WORK BREAKDOWN STRUCTURE COSTS

WBS	NAME	CONS	REPS	NET REPS	NET TOTAL COSTS	NUM OF SYSTEMS	AVG PER SYSTEM
01	SENSORS	0	0	0	0	0	0
02	PROCESSING (ADPE)	0	0	0	0	0	0
03	COMMUNICATIONS	17,799	101,658	55,709	73,508	16	4,594
04	PERIPHERALS	0	0	0	0	0	0
05	ENVIRON SUPPORT	11,882	1,492	818	12,700	16	794
06	APPLICATIONS SFT	0	0	0	0	0	0
07	SYSTEM SOFTWARE	0	0	0	0	0	0
08	INT, ASSY, TEST, C/O	0	0	0	0	0	0
09	OTHER	1,799	0	0	1,799	16	112
	TOTAL	31,480	103,150	56,527	88,007	16	5,500

The following table displays FY 90-94 Class IX costs by Work Breakdown Structure (WBS) for the Total Army. NET TOTAL COSTS are summation for all the WBS elements displayed on the previous page and are a sum of the costs of CONS and NET REPS. NUMBER OF SYSTEMS is the density recorded in the Continuing Balance System-Expanded (CBS-X). AVG PER SYSTEM costs are calculated by dividing the costs in NET TOTAL COSTS by the total number of systems in the Army for the fiscal year. Blank columns indicate system was not tracked in the OSMIS database during that fiscal year.

AN/TTC-39A
FIVE YEAR TOTAL ARMY WORK BREAKDOWN STRUCTURE COSTS

WBS	NAME	FY 90 NET TOTAL COSTS	FY 91 NET TOTAL COSTS	FY 92 NET TOTAL COSTS	FY 93 NET TOTAL COSTS	FY 94 NET TOTAL COSTS
01	SENSORS		0	0	0	0
02	PROCESSING (ADPE)		0	0	0	0
03	COMMUNICATIONS		622,440	564,360	288,330	73,508
04	PERIPHERALS		81	120	313	0
05	ENVIRON SUPPORT		20,337	20,986	17,569	12,700
06	APPLICATIONS		0	0	0	0
07	SYSTEM SOFTWARE		0	0	0	0
08	INT, ASSY, TEST, C/O		0	0	0	0
09	OTHER		19,827	20,715	11,656	1,799
	TOTAL		662,685	606,181	317,868	88,007
	NUM OF SYSTEMS		32	24	16	16
	AVG PER SYSTEM		20,709	25,258	19,867	5,500

AN/TTC-39A
TOP 40 COST DRIVERS
CLASS IX CONSUMABLES (NON-DLRs)

	NSN	NOMENCLATURE	WBS	MRC	ARI	MATCAT	FY 94 AMDF UNIT PRICE	FY 94 QTY
1.	6110011790236	CONTACTOR,MAGNETIC	05A	Z		J2200	590.73	10.51
2.	5965009371851	MICROPHONE,DYNAMIC	03A	Z		Q2200	11.47	208.40
3.	6105001927598	MOTOR,ALTERNATING C	05A	Z		J2200	1,488.56	1.39
4.	6130011216546	POWER SUPPLY	05A	H		G21RQ	7,035.00	0.23
5.	5935012459390	CONNECTOR,RECEPTACL	03J	Z		Q2200	321.05	5.00
6.	5805011202920	MASTER TIMING GENE	03J	F		G21RQ	1,074.00	1.25
7.	5995010793719	CABLE ASSEMBLY,SPEC	03J	F		G21RQ	402.00	3.08
8.	4140010791146	FAN ASSEMBLY,EVAPOR	05B	Z		E2200	1,198.00	1.00
9.	5915011458739	FILTER,RADIO FREQUE	03E	Z		Q2200	479.32	2.00
10.	5998011469150	ELECTRONIC COMPONEN	03J	Z		Q2200	575.45	1.24
11.	5935010919166	CONNECTOR,PLUG,ELEC	03J	Z		Q2200	176.95	4.00
12.	5935010924269	CONNECTOR,RECEPTACL	03J	Z		Q2200	131.54	5.33
13.	5995012402460	CABLE ASSEMBLY	03J	Z		G24RQ	346.00	2.00
14.	5995012626577	CABLE ASSEMBLY,SPEC	03J	Z		G24RH	295.00	2.00
15.	5955011518076	OSCILLATOR,CRYSTAL	03J	Z		Q2200	513.84	1.10
16.	6645002248630	CLOCK,MARINE,MECHAN	03J	Z		G22RL	245.12	2.00
17.	5935011495205	ADAPTER,CABLE CLAMP	03J	Z		Q2200	58.10	6.00
18.	5975002245260	ROD GROUND MX-148/G	03J	Z		Q2200	23.42	14.17
19.	4130001393378	COMPRESSOR UNIT,REF	05B	Z		J2200	1,164.95	0.28
20.	5945011571690	RELAY,PHASE SEQUENC	03J	Z		Q2200	258.45	1.00
21.	5995011696344	CORD ASSEMBLY,ELECT	03J	Z		Q2200	39.38	6.51
22.	5915011600900	FILTER,RADIO FREQUE	03E	Z		Q2200	543.18	0.41
23.	5995011663611	CORD ASSEMBLY,ELECT	03J	Z		Q2200	53.37	4.00
24.	5940009489686	TERMINAL,QUICK DISC	03J	Z		Q2200	3.45	57.60
25.	6625011469479	AMMETER	09	Z		Q2200	49.76	4.00
26.	5925004825773	CIRCUIT BREAKER	03J	Z		Q2200	96.13	2.06
27.	5995011438190	CABLE ASSEMBLY,POWE	03E	F		G21R4	247.00	0.75
28.	6645004102395	CLOCK,PANEL	09	Z		E2200	19.58	9.32
29.	4540004049232	HEATING ELEMENT,ELE	09	Z		J2200	84.75	2.11
30.	5945005496348	RELAY,ELECTROMAGNET	03J	Z		Q2200	94.69	1.77
31.	6105011866988	MOTOR,ALTERNATING C	05A	F		B21W5	544.00	0.30
32.	5925011465528	CIRCUIT BREAKER	03J	Z		Q2200	21.07	7.00
33.	6150004951214	LEAD,ELECTRICAL	09	Z		J2200	21.76	6.67
34.	5935010589269	CONNECTOR,RECEPTACL	03J	Z		Q2200	1.57	83.72
35.	5950011362195	TRANSFORMER,POWER	03J	Z		Q2200	57.86	2.23
36.	4710002033174	TUBE,COPPER	09	Z		J2200	32.29	3.88
37.	4130011430681	FILTER ELEMENT,AIR	05B	Z		J2200	105.72	1.14
38.	5945004825770	RELAY,ELECTROMAGNET	03J	Z		Q2200	38.26	2.92
39.	7510012560035	RIBBON,TYPEWRITER	09	Z		G225R	7.66	14.32
40.	5999008233262	CONTACT ASSEMBLY ELE	03J	F		G21RH	89.23	1.21

NUMBER OF SYSTEMS	16

NOTE: ROWS MAY NOT CALCULATE DUE TO ROUNDING

AN/TTC-39A
CONSUMABLES (NON-DLRs)

EXTENDED COST (QTY * UNIT PRICE)	AVERAGE COST PER SYSTEM	AVERAGE QUANTITY PER 100 SYSTEMS	FY 91-94 FOUR YEAR AVERAGE QTY	FY 91-94 FOUR YEAR AVERAGE EXTENDED COST
6,209	388.06	65.6875	2.93	1,731
2,390	149.38	1,302.5000	54.48	625
2,070	129.38	8.6875	0.69	1,027
1,618	101.13	1.4375	0.13	915
1,605	100.31	31.2500	1.25	401
1,343	83.94	7.8125	2.98	3,201
1,238	77.38	19.2500	3.17	1,274
1,198	74.88	6.2500	0.33	395
959	59.94	12.5000	2.10	1,007
714	44.63	7.7500	3.78	2,175
708	44.25	25.0000	1.16	205
701	43.81	33.3125	1.36	179
692	43.25	12.5000	0.50	173
590	36.88	12.5000	0.50	148
565	35.31	6.8750	4.30	2,210
490	30.63	12.5000	0.53	130
349	21.81	37.5000	6.25	363
331	20.69	88.5625	11.67	273
327	20.44	1.7500	0.46	536
258	16.13	6.2500	0.41	106
256	16.00	40.6875	1.63	64
223	13.94	2.5625	0.10	54
213	13.31	25.0000	1.00	53
199	12.44	360.0000	14.91	51
199	12.44	25.0000	2.33	116
198	12.38	12.8750	0.92	88
185	11.56	4.6875	0.44	109
182	11.38	58.2500	8.07	158
179	11.19	13.1875	6.04	512
168	10.50	11.0625	1.04	98
163	10.19	1.8750	0.20	109
147	9.19	43.7500	3.10	65
145	9.06	41.6875	23.17	504
132	8.25	523.2500	42.27	66
129	8.06	13.9375	1.06	61
125	7.81	24.2500	1.62	52
121	7.56	7.1250	3.92	414
112	7.00	18.2500	1.91	73
109	6.81	89.5000	8.88	68
108	6.75	7.5625	11.36	1,014

27,648	87.8%	TOP 40
3,832	12.2%	OTHERS
31,480		

AN/TTC-39A
TOP 40 COST DRIVERS
CLASS IX REPARABLES (DLRs)

	NSN	NOMENCLATURE	WBS	MRC	ARI	MATCAT	FY 94 AMDF UNIT PRICE W/O CREDIT	FY 94 AMDF UNIT PRICE W/CREDIT	FY 94 QTY
1.	5805011202929	POWER PROCESSOR	03J	H	E	G21RQ	4,858.00	2,662.18	5.94
2.	5820011454901	CONTROL,ORDERWIR	03J	D		G21RY	38,575.00	21,139.10	0.33
3.	5835011255767	TRANSPORT,MAGNET	03J	D	C	G21RQ	23,983.00	13,142.68	0.50
4.	5998012276357	CIRCUIT CARD ASSEM	03J	D	E	G21RQ	6,697.00	3,669.96	1.75
5.	5998012271445	CIRCUIT CARD ASSEM	03J	D	E	G21RQ	5,678.00	3,111.54	1.00
6.	5998012276356	CIRCUIT CARD ASSEM	03J	D		G21RQ	6,697.00	3,669.96	0.75
7.	5835012030450	CARTRIDGE,MAGNETI	03J	H	C	G21RJ	401.00	219.75	9.98
8.	5999012183901	OSCILLATOR,FREQUE	03J	D	C	G21RQ	6,946.00	3,806.41	0.43
9.	5998012290699	CIRCUIT CARD ASSEM	03J	D	D	G21RQ	1,592.00	872.42	1.21
10.	5835010983628	CARTRIDGE,MAGNETI	03J	H	E	G21RJ	401.00	219.75	3.98
11.	5998011401312	CIRCUIT CARD ASSEM	03J	L	E	G21RY	2,270.00	1,243.96	0.61
12.	5998012290698	CIRCUIT CARD ASSEM	03J	D	E	G21RQ	1,713.00	938.72	0.78
13.	5998013075494	CIRCUIT CARD ASSEM	03J	D	D	G21RQ	1,592.00	872.42	0.80
14.	5805011301499	CONVERTER,DIRECT-(	03J	D		G21RQ	2,399.00	1,314.65	0.46
15.	5998013380574	CIRCUIT CARD ASSEM	03J	D		G21RW	1,592.00	872.42	0.68
16.	5998011203163	CIRCUIT CARD ASSEM	03J	D		G21RQ	561.00	307.43	1.67
17.	5998011464050	CIRCUIT CARD ASSEM	03J	D	C	G215Z	863.00	472.92	1.00
18.	5999011519934	CIRCUIT CARD ASSEM	03J	L		G215W	611.00	334.83	1.26
19.	6130011202982	POWER SUPPLY	05A	D	R	G21RQ	3,162.00	1,732.78	0.24
20.	6130011202983	POWER SUPPLY	05A	D		G21RQ	2,931.00	1,606.19	0.25
21.	5998012040381	CIRCUIT CARD ASSEM	03J	L		G21RQ	690.00	378.12	1.00
22.	5999012040387	CIRCUIT CARD ASSEM	03J	D	D	G21RQ	1,369.00	750.21	0.50
23.	5998011401298	CIRCUIT CARD ASSEM	03J	L	R	G21RY	662.00	362.78	0.78
24.	5998013692071	CIRCUIT CARD ASSEM	03J	D	E	G21RW	2,027.00	1,110.80	0.20
25.	5998011203114	CIRCUIT CARD ASSEM	03J	D	R	G21RQ	350.00	191.80	1.00
26.	5998013099003	CIRCUIT CARD ASSEM	03J	D	E	G21RQ	1,393.00	763.36	0.25
27.	5998011207697	CIRCUIT CARD ASSEM	03J	D		G21RQ	344.00	188.51	1.00
28.	5998011203189	CIRCUIT CARD ASSEM	03J	D	E	G21RQ	276.00	151.25	1.00
29.	5998011401301	CIRCUIT CARD ASSEM	03J	L	C	G21RY	963.00	527.72	0.24
30.	5998012290692	CIRCUIT CARD ASSEM	03J	D	E	G21RQ	1,990.00	1,090.52	0.11
31.	5998012330399	PRINTED CIRCUIT BO/	03J	D	R	G21RQ	839.00	459.77	0.23
32.	5998011401318	CIRCUIT CARD ASSEM	03J	L	E	G21RY	779.00	426.89	0.24
33.	5998011203261	CIRCUIT CARD ASSEM	03J	D	E	G21RQ	287.00	157.28	0.64
34.	5998011401314	CIRCUIT CARD ASSEM	03J	L		G21RY	1,897.00	1,039.56	0.09
35.	5998011203211	CIRCUIT CARD ASSEM	03J	D		G21RQ	296.00	162.21	0.55
36.	5998011401299	CIRCUIT CARD ASSEM	03J	L		G21RY	663.00	363.32	0.24
37.	5998011203197	CIRCUIT CARD ASSEM	03J	D		G21RQ	204.00	111.79	0.75
38.	5998011207717	CIRCUIT CARD ASSEM	03J	D		G21RQ	212.00	116.18	0.67
39.	5998011401295	CIRCUIT CARD ASSEM	03J	L	C	G21RY	549.00	300.85	0.20
40.	5998011401277	CIRCUIT CARD ASSEM	03J	L		G21RY	980.00	537.04	0.09

NUMBER OF SYSTEMS	16

NOTE: ROWS MAY NOT CALCULATE DUE TO ROUNDING

EXTENDED COST (W/CREDIT) (QTY * UNIT PRICE)	AVERAGE COST (W/CREDIT) PER SYSTEM	AVERAGE QUANTITY PER 100 SYSTEMS	FY 91-94 FOUR YEAR AVERAGE QTY	FY 91-94 FOUR YEAR AVERAGE EXTENDED COST (W/CREDIT)
15,813	988.31	37.1250	5.50	14,642
6,976	436.00	2.0625	0.08	1,691
6,571	410.69	3.1250	1.40	18,400
6,422	401.38	10.9375	5.04	18,497
3,112	194.50	6.2500	2.10	6,534
2,752	172.00	4.6875	1.21	4,441
2,193	137.06	62.3750	78.75	17,305
1,637	102.31	2.6875	0.93	3,540
1,056	66.00	7.5625	3.31	2,888
875	54.69	24.8750	32.70	7,186
759	47.44	3.8125	0.29	361
732	45.75	4.8750	2.50	2,347
698	43.63	5.0000	4.51	3,935
605	37.81	2.8750	0.61	802
593	37.06	4.2500	0.17	148
513	32.06	10.4375	2.03	624
473	29.56	6.2500	0.53	251
422	26.38	7.8750	0.37	124
416	26.00	1.5000	1.35	2,339
402	25.13	1.5625	3.15	5,059
378	23.63	6.2500	1.25	473
375	23.44	3.1250	9.17	6,879
283	17.69	4.8750	1.17	424
222	13.88	1.2500	0.05	56
192	12.00	6.2500	0.26	50
191	11.94	1.5625	0.52	397
189	11.81	6.2500	0.50	94
151	9.44	6.2500	1.49	225
127	7.94	1.5000	0.94	496
120	7.50	0.6875	4.10	4,471
106	6.63	1.4375	0.90	414
103	6.44	1.5000	0.21	90
101	6.31	4.0000	2.09	329
93	5.81	0.5625	0.10	104
89	5.56	3.4375	1.14	185
87	5.44	1.5000	1.23	447
84	5.25	4.6875	0.78	87
78	4.88	4.1875	0.67	78
60	3.75	1.2500	0.65	196
49	3.06	0.5625	0.12	64

56,098	99.2%	COST DRIVERS
429	0.8%	OTHERS
56,527		

The following table summarizes FY 94 Depot Maintenance Costs from the Master File Maintenance (MFM). Depot maintenance costs are displayed by cost elements for end item maintenance and secondary item maintenance. The OTHER cost columns represent work categories such as progressive maintenance, renovation, and fabrication/manufacture. For reporting purposes, TRANSPORTATION costs recorded in the World Aircraft Logistics Conference (WALC)/Special Aircraft Assignment Mission (SAAM) records are shown in the OTHER maintenance category.

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FY 94 DEPOT MAINTENANCE COSTS

COST ELEMENTS	END ITEM MAINTENANCE				SECONDARY ITEM MAINTENANCE		
	REPAIR	OVERHAUL	OTHER	MODIFICATION	REPAIR	OVERHAUL	OTHER
CIVILIAN LABOR	0	0	196,556	0	281	82,547	0
MILITARY LABOR	0	0	0	0	16	0	0
MATERIEL	0	0	169,933	0	113	12,032	0
TRANSPORTATION	0	0	0	0			
OVERHEAD	0	0	245,133	0	35	127,291	0
CONTRACT	0	0	0	0	0	0	0
OTHER	0	0	1,615	0	4	2,309	0
TOTAL	0	0	613,237	0	449	224,179	0
QTY COMPLETED	0	0	17	0	1	146	0
AVG COST	0	0	36,073	0	449	1,535	0

The table below summarizes FY 94 Intermediate Maintenance Costs from the Work Order Logistics File (WOLF) data. The labor hours and labor costs for Direct Support/General Support Intermediate Maintenance (DS/GS) and Civilian Maintenance are displayed by MACOM and Total Army. MACOM DS/GS LABOR COSTS are calculated by multiplying MACOM labor hours by the Army Manpower Cost System (AMCOS) E-5 composite standard rate ($16.61). CIVILIAN LABOR COSTS are a summation from the source data.

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FY 94 INTERMEDIATE MAINTENANCE COSTS

MACOM	DS/GS LABOR HOURS	DS/GS LABOR COSTS	CIVILIAN LABOR HOURS*	CIVILIAN LABOR COSTS*	CIVILIAN LABOR COST/HOUR
FORSCOM	0	0	0	0	0.00
USAREUR	0	0			
EUSA	0	0			
USARPAC	0	0			
USARSO	8	133			
USASOC	0	0			
TRADOC	0	0	0	0	0.00
ARNG	30	498			
USAR	0	0			
TOTAL ARMY	38	631	0	0	0.00

*TRADOC LABOR HOURS and LABOR COSTS include contractor hours and costs.

The following table summarizes FY 90-94 Depot Maintenance Costs. The depot maintenance data are recorded in MFM. FY 94 costs are a summation of the cost elements displayed on the previous page. END ITEM OVERHEAD costs were not separately identified prior to FY 92. TRANSPORTATION costs are recorded in the WALC/SAAM records. Blank columns indicate system was not tracked in the OSMIS database during that fiscal year.

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FIVE YEAR DEPOT MAINTENANCE COSTS

COST ELEMENTS	END ITEM MAINTENANCE					SECONDARY ITEM MAINTENANCE				
	FY 90	FY 91	FY 92	FY 93	FY 94	FY 90	FY 91	FY 92	FY 93	FY 94
CIVILIAN LABOR		0	0	0	196,556		0	94,898	112,361	82,828
MILITARY LABOR		0	0	0	0		0	0	0	16
MATERIEL		0	0	0	169,933		0	154,836	15,184	12,145
TRANSPORTATION		0	0	0	0					
OVERHEAD		0	0	0	245,133		0	127,658	154,313	127,326
CONTRACT		0	0	0	0		0	0	0	0
OTHER		0	0	0	1,615		0	9,913	0	2,313
TOTAL		0	0	0	613,237		0	387,305	281,858	224,628
QTY COMPLETED		0	0	0	17		0	101	569	147
AVG COST		0	0	0	36,073		0	3,835	495	1,528

The table below sumarizes FY 90-94 Intermediate Maintenance Costs from WOLF. The fiscal year total costs for Direct/General Support Intermediate Maintenance (DS/GS) and Civilian Maintenance are displayed by MACOM and Total Army. MACOM DS/GS labor costs are calculated by multiplying MACOM labor hours by the Army Manpower Cost System (AMCOS) E-5 composite standard rate. DS/GS COST PER HR is the E-5 composite standard rate in FY 94 constant dollars. CIVILIAN LABOR COSTS are a summation from the source data. Blank columns indicate system was not tracked in the OSMIS database during that fiscal year.

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FIVE YEAR INTERMEDIATE MAINTENANCE COSTS

MACOM	DIRECT/GENERAL SUPPORT INTERMEDIATE MAINTENANCE (DS/GS)					CIVILIAN MAINTENANCE (CIV)				
	FY 90	FY 91	FY 92	FY 93	FY 94	FY 90	FY 91	FY 92	FY 93	FY 94
FORSCOM		0	1,569	289	0		0	0	0	0
USAREUR		0	0	0	0					
EUSA		0	0	0	0					
USARPAC		0	0	0	0					
USARSO		0	48	24	133					
USASOC		0	0	0	0					
TRADOC		0	0	0	0		0	105,060	36,563	0
ARNG		0	0	4,334	498					
USAR		0	0	0	0					
TOTAL ARMY		0	1,617	4,647	631		0	105,060	36,563	0
LABOR HRS		0	96	270	38		0	5,045	1,409	0
COST PER HR		0.00	16.84	17.19	16.61		0.00	20.82	25.95	0.00

The following list shows the FY 94 Secondary Item - Rebuilds/Overhauls Cost Drivers recorded in the MFM. AVG COST TO REBUILD/OVERHAUL is calculated by dividing the costs in FY 94 TOTAL COST TO REBUILD/OVERHAUL by FY 94 QTY COMPLETED.

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FY 94 DEPOT SECONDARY ITEM MAINTENANCE - REBUILDS/OVERHAULS COST DRIVERS

NSN	NOMENCLATURE	FY 94 AMDF PRICE	FY 94 TOTAL COST TO REBUILD/ OVERHAUL	FY 94 QTY COMPLETED	AVG COST TO REBUILD/ OVERHAUL
5805-01-120-2929	POWER PROCESSOR	4,858	160,576	38	4,226
6130-01-120-2969	CHARGER,BATTERY	5,911	21,176	4	5,294
5835-01-125-5767	TRANSPORT,MAGNET	23,983	21,163	3	7,054
5835-01-098-3628	CARTRIDGE,MAGNET	401	18,105	92	197
5999-01-204-0382	CIRCUIT CARD ASS	777	1,724	6	287
5998-01-120-3212	CIRCUIT CARD ASS	939	1,435	3	478

The following list shows the FY 94 Secondary Item Maintenance - Repairs Cost Drivers recorded in MFM. AVG COST TO REPAIR is calculated by dividing the costs in FY 94 TOTAL COST TO REPAIR by FY 94 QTY COMPLETED.

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FY 94 DEPOT SECONDARY ITEM MAINTENANCE - REPAIRS COST DRIVERS

NSN	NOMENCLATURE	FY 94 AMDF PRICE	FY 94 TOTAL COST TO REPAIR	FY 94 QTY COMPLETED	AVG COST TO REPAIR
5995-01-079-3719	CABLE ASSEMBLY,S	402	449	1	449

The following list shows the FY 90-94 Secondary Item - Rebuild/Overhauls Cost Drivers recorded in MFM. These five year Cost Drivers were revised from previous years' reports, see Appendix A, Section 13 for further explanation. AVG COST TO REBUILD/OVERHAUL is calculated by dividing the costs in FY 90-94 TOTAL COST TO REBUILD/OVERHAUL by FY 90 -94 QTY COMPLETED.

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FIVE YEAR DEPOT SECONDARY ITEM MAINTENANCE - REBUILDS/OVERHAULS COST DRIVERS

NSN	NOMENCLATURE	FY 94 AMDF PRICE	FY 90-94 TOTAL COST TO REBUILD/ OVERHAUL	FY 90-94 QTY COMPLETED	AVG COST TO REBUILD/ OVERHAUL
5805-01-120-2929	POWER PROCESSOR	4,858	451,095	85	5,307
5998-01-231-1481	CIRCUIT CARD ASS	15,837	233,365	24	9,724
5835-01-125-5767	TRANSPORT,MAGNET	23,983	71,842	6	11,974
6130-01-120-2969	CHARGER,BATTERY	5,911	57,501	10	5,750
5835-01-098-3628	CARTRIDGE,MAGNET	401	50,847	260	196
6130-01-120-2983	POWER SUPPLY	2,931	13,021	6	2,170
5835-01-203-0450	CARTRIDGE,MAGNET	401	6,422	34	189
5999-01-204-0382	CIRCUIT CARD ASS	777	1,825	6	304
5998-01-120-3212	CIRCUIT CARD ASS	939	1,435	3	478
5998-01-146-4052	CIRCUIT CARD ASS	612	145	1	145

The following list shows the FY 90-94 Secondary Item - Repairs Cost Drivers recorded in MFM. These five year Cost Drivers were revised from previous years' reports, see Appendix A, Section 13 for further explanation. AVG COST TO REPAIR is calculated by dividing the costs in FY 90-94 TOTAL COST TO REPAIR by FY 90-94 QTY COMPLETED.

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FIVE YEAR DEPOT SECONDARY ITEM MAINTENANCE - REPAIRS COST DRIVERS

NSN	NOMENCLATURE	FY 94 AMDF PRICE	FY 90-94 TOTAL COST TO REPAIR	FY 90-94 QTY COMPLETED	AVG COST TO REPAIR
5995-01-079-3719	CABLE ASSEMBLY,S	402	1,670	8	209

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